

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	((("4209058") or ("5379237") or ("5608660") or ("5896292"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/29 18:40
S2	521	703/1.ccor.	US-PGPUB; USPAT	OR	ON	2006/12/29 18:38
S3	455	700/97.ccor.	US-PGPUB; USPAT	OR	ON	2006/12/29 18:42
S4	6462	performance near4 threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:29
S5	2624	S4 and requirement	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:30
S6	293202	design with (component part)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:31
S7	266	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:33
S8	170	S7 and analy\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:34
S9	139	S8 and cost	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:36
S10	4	S9 and (finite adj element)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:41
S11	78	S9 and life	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:41
S12	43	S11 and existing	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:43
S13	24	S12 and @ad<="20021227"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:43
S14	21601	fluid adj cylinder	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:50

EAST Search History

S15	777	S6 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:51
S16	328	S15 and requirement	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:52
S17	314	S16 and (diameter port head length)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:56
S18	24	S16 and (rod adj diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:54
S19	8	S18 and @ad<="20021227"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:55
S20	21	S16 and (stroke adj length)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:56
S21	14	S20 and @ad<="20021227"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/29 20:56
S22	10	("4862376" "5089970" "5109337" "5119307" "5357440" "5359523" "5552995" "5630041" "5664180" "5680317").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 21:01
S23	35	("5822206").URPN.	USPAT	OR	ON	2006/12/29 21:09

		Results
8.	(((((((pub-date > 1959 and pub-date < 2003 and TITLE-ABSTR-KEY(design) and TITLE-ABSTR-KEY(requirement)) and performance) and cost) and (component or part)) and analy!) and finite element) and life) and cylinder [All Sources(- All Sciences -)]	17
7.	(((((((pub-date > 1959 and pub-date < 2003 and TITLE-ABSTR-KEY(design) and TITLE-ABSTR-KEY(requirement)) and performance) and cost) and (component or part)) and analy!) and finite element) and life [All Sources(- All Sciences -)]	67
6.	(((((((pub-date > 1959 and pub-date < 2003 and TITLE-ABSTR-KEY(design) and TITLE-ABSTR-KEY(requirement)) and performance) and cost) and (component or part)) and analy!) and finite element [All Sources(- All Sciences -)]	188
5.	(((((((pub-date > 1959 and pub-date < 2003 and TITLE-ABSTR-KEY(design) and TITLE-ABSTR-KEY(requirement)) and performance) and cost) and (component or part)) and analy! [All Sources(- All Sciences -)]	2081
4.	(((pub-date > 1959 and pub-date < 2003 and TITLE-ABSTR-KEY(design) and TITLE-ABSTR-KEY(requirement)) and performance) and cost) and (component or part) [All Sources(- All Sciences -)]	2415
3.	((pub-date > 1959 and pub-date < 2003 and TITLE-ABSTR-KEY(design) and TITLE-ABSTR-KEY(requirement)) and performance) and cost [All Sources(- All Sciences -)]	2602
2.	(pub-date > 1959 and pub-date < 2003 and TITLE-ABSTR-KEY(design) and TITLE-ABSTR-KEY(requirement)) and performance [All Sources(- All Sciences -)]	4346
1.	pub-date > 1959 and pub-date < 2003 and TITLE-ABSTR-KEY(design) and TITLE-ABSTR-KEY(requirement) [All Sources(- All Sciences -)]	7334

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#3	((((design<and>requirement<and>performance)<in>metadata) <and>cost)<and>(component<or>part)) <and> (pyr >= 1951 <and> pyr <= 2002)	1098
#4	((((design<and>requirement<and>performance)<in>metadata) <and>cost)<and>(component<or>part)<and>analy*) <and> (pyr >= 1951 <and> pyr <= 2002)	796
#5	((((design<and>requirement<and>performance)<in>metadata) <and>cost)<and>(component<or>part)<and>analy*<and>(finite element)) <and> (pyr >= 1951 <and> pyr <= 2002)	54
#6	((((design<and>requirement<and>performance)<in>metadata) <and>cost)<and>(component<or>part)<and>analy*<and>(finite element)<and>life) <and> (pyr >= 1951 <and> pyr <= 2002)	16



Searching for **requirement and design and performance and cost and finite element**.

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[A Massively Parallel Implementation of the Fluid Structure.. - Newhouse October \(Correct\)](#)
(MPI) has been defined to meet the current **requirement** for portable parallel operations. The MPI synchronous communications. 2.3 Software The **design** and development of parallel computers is still in from workstation clusters can exploit the high **performance** hardware that would normally be idle during trident.ae.ic.ac.uk/pub/papers/mpi_report.ps.gz

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[Dynamic Cost Modelling and Load Balancing for.. - Basermann.. \(1999\) \(Correct\)](#)

The particular focus of the project is on the **requirements** of industrial **Finite Element** codes, with the DRAMA **cost** model. This paper will discuss the **design** features of the library, which allow a general has not yet been considered and absolute **performance** (in terms of data structures allowing high www.cs.kuleuven.ac.be/cwis/research/natw/DRAMA/papers/parcoj99/parcoj99.ps.gz

[Robust Control Approaches for a Two-Link Flexible Manipulator - Adams Apkarian \(1996\) \(Correct\)](#)
tracking, and disturbance rejection. The first **requirement** is driven by **cost**, the latter three by system system are examined in three control law **design** formulations. The first two **designs** are based this gain-scheduling technique maximizes both **performance** and robustness over the entire range of momiji94.ces.kyutech.ac.jp/apkarian/rickpaper_conf.ps

[The Quality Of Partitions Produced By An Iterative.. - Bottasso, Flaherty.. \(1996\) \(Correct\)](#)
notion of a "high quality" partition. The basic **requirement** of a good partition is that the computational current load-balancing scheme, as well as to help **design** and appraise new selection and load-balancing partitioning is not sufficient to assure high **performance** throughout the computation. Load imbalance www.cs.rpi.edu/~ziantzl/Papers/96/LCR_PART/lcr.ps.gz

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[Yahoo!](#) [MSN](#) [CSB](#) [DBLP](#)
 18 documents found. Order: number of citations.

[Reliability Issues In Telecommunications Network Planning - Colbourn \(1999\) \(Correct\) \(5 citations\)](#)
 Loosely interpreted, reliability" is a key **requirement**. In this paper, reliability and network planning is concerned with the **design** and maintenance of large networks at reasonable Of importance in effective network **design** is **performance** of some kind, for example maximizing the www.emba.uvm.edu/~colbourn/src/CRT.ps

One or more of the query terms is very common - only partial results have been returned. Try [Google \(CiteSeer\)](#).

[The MBASE Life Cycle Architecture Milestone Package - .. - Boehm, Port, Egyed.. \(1999\) \(Correct\) \(4 citations\)](#)
 definition of a system's architecture, **requirements**, operational concept, prototypes, and **life** of architecture Developer .Sufficient detail for **design** and development Framework for selecting / stage in the impact of the software structure on **performance**, usability, and compliance with other system sunset.usc.edu/TechRpts/Papers/usccse98-510/usccse98-510.ps

[Aids for Identifying Conflicts Among Quality Requirements - Boehm, In \(1996\) \(Correct\) \(3 citations\)](#)
 1 Aids for Identifying Conflicts Among Quality **Requirements** Barry Boehm and Hoh In boehm, **performance** scalability problems. The initial **design** of the ARPANet Interface Message Processor one quality attribute **requirement** (e.g. **performance**) at the expense of others at least as sunset.usc.edu/TechRpts/Papers/ieee-software96.ps

[Supporting Viewpoints in Metaview - Paul Sorenson \(1996\) \(Correct\) \(2 citations\)](#)
 support software engineering activities, such as **requirement analysis** and **design**. One of the strengths of activities, such as **requirement analysis** and **design**. One of the strengths of Metaview is its in the development of real-time systems, **performance** should be a major concern and therefore a ftp.cs.city.ac.uk/users/gespan/VPsorenson.ps

[CAD and the Product Master Model - Hoffmann, Joan-Arinyo \(1997\) \(Correct\) \(1 citation\)](#)
 the master model. Two case studies consider the **requirements** on the master model architecture, for for different feature views that are **part** of the **design** process. The architecture addresses especially goliat.upc.es/dept/techreps/ps/R97-44.ps.gz

[Constraint-Based Retrieval of Engineering Design Cases: Context .. - Bilgic, Fox \(1996\) \(Correct\) \(1 citation\)](#)
 artifact that complies with a set of **requirements -performance** goals, physical constraints, reported as a valuable tool for engineering **design**. We discuss similarity based retrieval in the www.ie.utoronto.ca/EIL/public/aid96.ps

[A Model for One-Off Systems Engineering - Fox, Salustri \(1994\) \(Correct\) \(1 citation\)](#)
 Seattle, USA. July 12, 1994 2 FIGURE 1. **Requirements** Phase: Translates customer wishes into a an naval IR search and track designation system. Spar **designs**, engineers, and manufactures complex, one-off salustri.esxf.uwindsor.ca/~fil/Papers/one-off.ps

[A Model for a Flexible Predictable Object-Oriented Real-Time.. - Bosch, Molin \(Correct\)](#)
 ~ peter] Abstract The **requirements** on real-time systems are changing. use of a general programming language, choosing a **design** that makes it plausible that deadlines will be i.e. a virtual processor with a guaranteed **performance**. The physical processor is shared amongst the bilbo.ide.hk-r.se:8080/~bosch/proom.ps.Z

[Hybrid Instruction Cache Partitioning for Preemptive.. - Busquets-Mataix.. \(Correct\)](#)
 low **cost**, as all consumer products impose this **requirement**. Yet, some of these applications involve is limited in embedded systems because of **cost**, **design** and reliability constraints. In addition, the assumptions of the workload to improve the **cost-performance** ratio. Hennessy and Patterson write in [7] www.cs.york.ac.uk/ftpd/ir/reports/YCS-95-262.ps.Z

[Using Software Specification Methods for Measurement Instrument .. - Part Formal \(Correct\)](#)
 document based on this understanding. Keywords: **Requirements analysis**, Formal specification, Z, Measuring of the specification and gives useful hints to **designers**. Algebraic specification of a certain data

and ratiometric to reference voltage, subject to **performance** and other constraints. Based on the above
cs.ucl.ac.uk/acwf/papers/measurement2.ps.gz

Applying Independent Verification Validation to ATE - Cynthia Calhoun (1997) (Correct)

34 14 28 0 20 40 60 80 100 120 140 160 180 200 **Requirements** High level **design** Low level **design** Code&unit
80 100 120 140 160 180 200 **Requirements** High level **design** Low level **design** Code&unit test Integrateand test
technique to reducing **costs**, schedule, and **performance** risks on the development of complex ATE, and a
research.ivv.nasa.gov/docs/techreports/1997/NASA-IVV-97-006.ps

Designing for Cost - Dean, Unal (1991) (Correct)

reduce **part** count, relax assembly tolerance **requirements**, relax **component** machining tolerances, use
the American Association of **Cost** Engineers -1 -**Designing For Cost** by Edwin B. Dean and Resit Unal THE
culture within the United States is valuing **performance** increases far more than **cost** reduction. In
techreports.larc.nasa.gov/pub/techreports/larc/91/conf-35-aace.ps.Z

VV Research Quarterly - Volume Number (Correct)

loose interpretations (and coverage) of system **requirements**. In spite of all of these shortcomings,
they were able to discover problems in the **design** of RMP and reveal other opportunities for
have to evaluate the reliability, quality, and **performance** of their software. Specification-based
research.ivv.nasa.gov/docs/newsletters/q96-07.ps

VHDL-Based Rapid System Prototyping - Egolf, Pettigrew, DeBardelaben.. (1996) (Correct)

(1993) 4)the prototyping time from system **requirements** definition to production and deployment, of
and Tri-Services) targets a 4X improvement in the **design**, prototyping, manufacturing, and support
users.ece.gatech.edu/~vkm/TR/96/TR-96-02.ps.gz

Transputer Communications, Vol. 1(1), 3-15 (August 1993) - Page, Hoare (1993) (Correct)

within its environment, and an **analysis** of **requirements** for its optimal or satisfactory **performance**,
gates and flip-flops which constitute a hardware **design**. These insights are being exploited in hybrid
of **requirements** for its optimal or satisfactory **performance**, or at least for its safety. From these is
ftp.comlab.ox.ac.uk/pub/Documents/techpapers/lan.Page/hs_gap.ps.gz

Object Management Group - Framingham Corporate (Correct)

objects. 1.2 Problem statement 1.2.1 Business **requirements** Global business competition and a shift from
Interoperability of OMG Business Objects as both **design**-time and run-time constructs including the
repeatedly failed to achieve productivity, **performance**, and cycle time gains necessary to adequately
www.buva.sowi.uni-bamberg.de/ps-Sammlung/corba/96-01-04.ps.gz

Adding Instruction Cache Effect to Schedulability.. - Busquets-Mataix.. (1996) (Correct)

low **cost**, as all consumer products impose this **requirement**. Yet, some of these applications involve
configurations. The results can be used as **design** guidelines. 1 Motivation Real-time systems are
assumptions of the workload to improve the **cost-performance** ratio. Hennessy and Patterson write in [11]
tp.cs.york.ac.uk/reports/YCS-95-260.ps.Z

A Temporal Database with Data Dependencies: a Key to.. - Dori, Gal, Etzion (Correct)

the number of translation levels between **requirements** phrased in natural language and the
which encompasses the entire **life** cycle of **design**, manufacturing and support of products in the
increasingly demanding with respect to the **performance** of their supporting databases. Computer
www.cs.toronto.edu/~avigal/aci.ps

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